Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 06 Mar 2023 until 23:59 on Tuesday 07 Mar 2023

Forecast Issued on Monday 06 Mar 2023 at 02:13

Confidence: High confidence for a cold spell. Medium for the extent of rain and snow Monday and Tuesday, but low for the detail of periods of snow and rain arriving from the west from Wednesday.

Headline for Monday 06 Mar 2023: Cloudy with frequent showers or rain and summit snow, turning to snow at lower levels later.

Mountain weather hazards on Monday 06 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Sleet	Cloudy	Light snow	Light snow
Precipitation probability					
60%	50%	40%	30%	30%	30%

Forecast for Monday 06 Mar 2023

Weather: Cloudy with light or moderate rain at first, falling as sleet or snow on the highest summits. Drier and brighter through the afternoon but another spell of rain and snow is possible this evening, with snow to lower levels before cloud clears overnight.

Chance of cloud-free hill tops above 600m: 20% rising to 60%

Low cloud and visibility: Extensive cloud down to 300-400m at first, perhaps lifting above the summits for a time during the afternoon. Lowering again this evening. Good visibility below cloud, becoming moderate or poor in rain, very poor in snow and within cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Monday 06 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 W	20/25 W	23/30 W	19/26 W	14/19 W	9/13 NW	7/11 N
300	10/14 W	15/20 W	18/25 W	16/24 NW	12/18 W	7/12 NW	6/9 NW
Valley	7/13 W	10/20 W	13/25 W	13/24 NW	8/17 W	5/12 NW	4/10 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-5	1/-6	1/-6	-1/-6	-2/-6	-3/-7
300	3/-1	3/-2	4/-2	4/-2	2/-2	1/-2	0/-3
Valley	4/1	4/0	5/0	5/0	3/-1	2/-1	0/-2
Freezing Level*	700m	700m	600m	400m	400m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Significant wind chill at height, and extensive hill fog during the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 06 Mar 2023	1.2mm	1.2mm	1.2mm

Forecast for Tuesday 07 Mar 2023
Weather: Generally dry, bright and sunny, though cloud may increase around the middle of the day and isolated snow showers are possible during the afternoon. Significant wind chill despite the relatively light breeze.

Maximum wind: North-westerly 15mph

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Excellent visibility, although briefly very poor in any snow showers. Cloud above the summits.

Temperature: **Valleys:** Minus 4 C increasing to Plus 3 C in the afternoon
At 600m: Minus 3 C
Freezing level: 200m or less

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.